ANNUAL REPORT

ON THE

HEALTH

OF THE

Sevenoaks Rural Sanitary District

IN

1909.

AREA AND POPULATION.

	Area in Statute Acres.			Inhabited Houses.			Population.		
No. of Regn. Dist.	Land and Inland Water.	Inland Water only.	Land only.	1881	1891	1901	1881	1891	1901
48	63,337	338	62,999	3786	4417	4829	19,155	22,164	22,684

The **POPULATION** of the Sevenoaks Rural District estimated to the middle of 1909 was 23,122, showing an increase of 438 since the census of 1901, and of 52 on the estimated population of 1908.

The births registered during the year numbered 501, including 253 of males and 248 of females, giving a **Birth-Rate** of 21·6 per 1,000 of population, as against 23·1 in the previous year, and 21·8 in 1907. Of the total 501 births 29 (12 male and 17 female) were illegitimate.

Two hundred and fifty six deaths were registered, consisting of 137 of males and 119 of females. To this number must be added 12 deaths of residents which took place beyond the district, viz., seven in the Tunbridge Wells General Hospital, three in the Westminster Hospital and one each in the Charing Cross Hospital, and Tonbridge Cottage Hospital; while seven deaths must be deducted of non-residents dying in public institutions in the district, thus making a net total of 261 deaths.

The Death-Rate was **11·2** per 1,000 of population, as compared with 11·7 in the previous year, and 12·2 in 1907.

The Principal Epidemic Diseases include Small-pox, Measles, Scarlet Fever, Diphtheria, Whooping-cough, Fever (including the three principal forms: Typhus, Enteric or Typhoid Fever, and Pyrexia of uncertain origin), and Diarrhœa.

Of the total 261 deaths, seven were caused by one or other of these diseases, viz., three by Measles, two by Whooping-cough and two by Diphtheria.

The Epidemic Disease Death-Rate was 0·30 per 1,000 of population, as compared with 0·52 in 1908 and 0·56 in 1907.

The Infant Mortality, *i.e*, the number of deaths of infants under one year of age per each 1,000 registered births was 67, as against 73 in the previous year and 89 in 1907.

During the year 1909, the Birth-rate in **England and Wales,** taken as a whole, was 25·6 per 1,000 of the population, which is 0·9 per 1,000 below the rate in 1908, and lower than the rate in any other year on record.

The Death-rate in 1909 was 14·5 per 1,000, which was 0·2 per 1,000 below the rate in 1908, and lower than the rate in any other year on record.

The rate of mortality among infants under one year of age to 1,000 registered births was 109, which is 11 per 1,000 below the rate in 1908. The rate in 1909 was lower than in any other year on record.

The Epidemic Disease Death-Rate was 1·12 per 1,000 living, against 1·77, 1·28, and 1·34 respectively in the three preceding years.

The vital statistics for **this District** are again very satisfactory, and compare very favourably with those for the whole of England and Wales, the general Death-Rate, the Epidemic Disease Death-Rate, and the Infant Mortality being respectively 33, 0·82, and 42 below the corresponding rates for the country generally.

	Death-Rate.	Epidemic Disease Death-Rate.	Infant Mortality.
England and Wales ...	14·5	1·12	109
Sevenoaks Rural	11·2	0·30	67
	3·3	·82	42

The Birth-Rate for the District is fairly satisfactory in comparison with other Rural Districts, being only 1·0 below the average rate for the past ten years.

A. NOTIFIABLE INFECTIOUS DISEASES.

The following diseases are compulsorily notifiable under the provisions of the Infectious Disease (Notification) Acts, 1889 and 1899: Small-pox, Cholera, Diphtheria, Membranous Croup, Erysipelas, the disease known as Scarlatina or Scarlet Fever, and the Fevers known by any of the following names: Typhus, Typhoid or Enteric, Relapsing, Continued and

Puerperal, and also any infectious disease to which the Acts have been applied by the local Authority in manner provided by the Acts.

Of these diseases 82 cases were notified as compared with 141 in the previous year, and consisted of 21 cases of Diphtheria, 20 of Erysipelas, 38 of Scarlet Fever, 1 of Enteric Fever, and 2 of Puerperal Fever.

DIPHTHERIA.—Twenty-one cases, with 2 deaths were reported as against 56 and 2 deaths in the previous year, and were notified as follows:

January ..	7 cases	August ...	4 cases
February ...	3 ,,	November ...	2 ,,
March ...	1 case		—
April ...	1 case	Total ..	21 cases
June ...	1 ,,		—
July ..	2 cases		

The District was free from the disease during the months of May, September, October, and December.

Locally the cases were reported from the following localities:

Otford	7 cases	Hever	1 case
Shoreham ...	3 ,,	Chevening ...	1 ,,
Crockham Hill...	3 ,,	Leigh	1 ,,
Dunton Green ..	2 ,,		—
Westerham ..	2 ,,	Total	21 cases
Weald	1 case		—

Of the two deaths, one occurred in February at Dunton Green, a child aged 2 years. The other death was that of a child aged 11 months, who died in the Tunbridge Wells General Hospital in September, having been removed there for treatment for another disease. The case was not notified as a case in this District, but the death is one of those belonging to the district occuring in Public Institutions elsewhere.

The cases and deaths occurred at the following age-periods:

under 1 year	1—5 years	5—15 years	15—25 years	25—65 years	
—	6	13	1	1	— 21 cases
1	1				— 2 deaths

Seventeen of the cases were treated at the Isolation Hospitals.

The outbreak of Diphtheria at Otford, mentioned in my last Annual Report, did not continue far into the year 1909. Four cases were notified in January and 2 in February, and this was practically the end of the epidemic, as the only other case in that village did not occur until November in an outlying part of the parish.

SCARLET FEVER.—Thirty-eight non-fatal cases were reported, as against 66 cases and 2 deaths in the previous year.

In point of time the cases were notified as follows:—

January	...	4 cases	September	...	2 cases
February	...	7 ,,	October ...	...	1 case
March	...	3 ,,	November	...	5 cases
May ...	...	1 case	December	...	7 ,,
June ...	...	3 cases			—
July ...	...	3 ,,	Total	...	38 cases
August	...	2 ,,			—

Locally they were reported from:—

Dunton Green		8 cases	Westerham	..	2 cases
Brasted	...	6 ,,	Otford ...	...	2 ,,
Sundridge	...	5 ,,	Weald ...	...	2 ,,
Leigh...	...	3 ,,	Cowden ...	...	1 case
Halstead	...	2 ,,	Seal ...	...	1 ,,
Edenbridge	...	2 ,,			—
Penshurst	...	2 ,,	Total	...	38 cases
Shoreham	...	2 ,,			—

The following shows the age periods at which the cases occurred:

under 1 year	1—5 years	5—15 years	15—25 years	25—65 years	
1	8	23	4	2	— 38 cases

Erysipelas—Twenty cases were notified with one death as compared with 12 non-fatal cases in the previous year. They occurred as follows:

February	... 2 cases	August	... 1 ,,
March	... 3 ,,	October	... 1 ,,
April...	... 3 ,,	November	... 1 ,,
May ...	... 4 ,,	December	... 3 cases
June ...	... 1 case		—
July ...	... 1 case	Total	... 20 cases
			—

Locally, 5 of the cases were reported from Sundridge, 4 from Brasted, 2 each from Cowden, Leigh, Otford, Edenbridge and Westerham, and 1 from Chiddingstone.

The fatal case was that of an infant 16 days old, notified from Cowden in June.

The cases and death occurred at the following age-periods:

under 1 year	15—25 years	25—65 years	65 and upwards	
1	2	13	4	— 20 cases
1				— 1 death

ENTERIC FEVER.—Only one non-fatal case of this disease was notified as against 5 cases and 1 death in 1908. The patient was a boy aged 8 years notified from Westerham in June; he was removed to Hospital and made a good recovery.

FUERPERAL FEVER.—Two cases of this disease occurred, one of which terminated fatally, as compared with two fatal cases in the previous year. The first case was notified from Edenbridge in April and recovered. On inspection a defective inspection chamber was found close to the house and this was at once remedied. The other occurred at Brasted in June and died on the 13th of that month.

SMALL-POX.—No cases occurred during the year.

TUBERCULOSIS in all its forms caused 23 deaths during during the year, as compared with 26 in 1908. Of these, 15 deaths were certified as due to Phthisis (consumption of the lungs) as against 14 in 1908. The Death-Rate from all forms of the disease was 0·99, and the Phthisis Death-Rate 0·64 per 1,000 of population.

The Death-Rate in this District from all forms of the disease in 1908 was 1·12, and the Phthisis Death-Rate 0·60 per 1,000 of population, as compared with rates of 1·58 and 1·11 for England and Wales in that year. The comparative figures for 1909 for the country generally are not yet available.

PHTHISIS is voluntarily notifiable in the District, and 3 cases were notified to me under this system, as follows:—2 in September (1 at Kemsing, and 1 at Seal), and 1 in October at Otford.

The Public Health (Tuberculosis) Regulations, 1908, provide for the compulsory notification by Medical Officers of Poor Law Institutions, and by District Poor Law Medical Officers to the Medical Officers of Health acting for Sanitary Districts of all cases of Phthisis occuring among inmates of Poor Law Institutions, and also among poor persons in receipt of parish relief in private houses—also the notification by Superintending Officers of Poor Law Institutions to Medical Officers of Health of the District of any person leaving an Institution who has been notified as suffering from Phthisis.

Thirty-one cases were so brought to my notice during the year, viz., 13 of poor persons residing in private houses, 14 of persons in the

Union Workhouse, and 4 of persons leaving public Institutions whose intended place of destination was within the area of this district.

In addition to the card system mentioned in my last report, I have now procured a Register which is suitable and useful in keeping record of the cases.

Your Council, on my recommendation, procured a supply of each of the following leaflets and posters for distribution :—

(*a.*) A card "Hints for Prevention."

(*b.*) A leaflet "Facts and Suggestions."

(*c.*) An illustrated poster regarding consumption (used by permission of the New York State Department of Health.")

(*d.*) The same as an illustrated card.

(*e.*) The same as an illustrated sheet.

These should be extremely useful in bringing home to a patient the precautions which should be observed in order to prevent the infection of other members of his or her family, and also in illustrating to healthy persons those things which tend to cause the disease.

Disinfection of the premises or rooms occupied by patients has been carried out after death, and also when necessary in the case of notification of persons suffering from the disease, and in all cases the above literature has been circulated.

HOSPITAL ISOLATION.

For purposes of the isolation and treatment of infectious diseases, the Sevenoaks Rural District Council's area is divided into two parts, North and South.

The North Isolation Hospital at Otford receives patients from the parishes of :—

Brasted	Seal
Chevening	Sevenoaks Weald

Halstead	Shoreham
Kemsing	Sundridge
Otford	Westerham
Riverhead	

The South Isolation Hospital at Hever receives patients from the parishes of :—

Chiddingstone	Hever
Cowden	Leigh
Edenbridge	Penshurst

Each hospital is capable of accommodating 12 adult patients in permanent brick buildings giving to each patient an area of somewhat over 2,000 c. feet air space, and this not measuring more than 13 feet in height.

At Otford there is accommodation if required for at least six more patients in wooden buildings and Berthon tents.

Fifty-five cases of Infectious Disease have been treated in the Isolation Hospitals during the year, and were admitted as follows :—

HEVER HOSPITAL.

January	...	4 cases	..	Scarlet Fever
February	...	7 ,,	...	Scarlet Fever
March	...	3 ,,	...	Scarlet Fever
May	...	1 case	...	Scarlet Fever
July	...	1 ,,	...	Diphtheria
		16 ,,	...	15 Scarlet Fever, 1 Diphtheria

During January and February seven of the cases of Scarlet Fever treated at this hospital did not come from the actual hospital area but from the other portion of the Sevenoaks Rural District. This was on account of there being a good many Diphtheria patients in the Otford Hospital at that time so that it was entirely reserved for that disease.

OTFORD HOSPITAL.

January	7 cases	Diphtheria
February	2 ,,	Diphtheria
June	5 ,,	1 Diphtheria, 1 Enteric Fever, 3 Scarlet Fever
July	2 ,,	Scarlet Fever
August	6 ,,	4 Diphtheria, 2 Scarlet Fever
September	2 ,,	Scarlet Fever
October	1 case	Scarlet Fever
November	7 cases	2 Diphtheria, 5 Scarlet Fever
December	7 ,,	Scarlet Fever
Total	39 cases	16 Diphtheria, 22 Scarlet Fever, 1 Enteric Fever.

There were no deaths in either hospital.

B NON-NOTIFIABLE INFECTIOUS DISEASES

MEASLES.—Three deaths resulted from this disease, viz:—One in March at Edenbridge, 1 in May at Chiddingstone, and 1 in November at Kemsing. All were children between 1 and 3 years of age.

INFLUENZA caused 12 deaths during the year, viz., 2 in March (1 at Brasted and 1 at the Union Workhouse admitted from Edenbridge), 7 in April (3 in the Workhouse belonging to Chipstead, Westerham and Penshurst, and one each at Otford, Kemsing, Weald and Edenbridge), 2 in May (1 at Riverhead and 1 at Westerham), and 1 in December at Brasted. One death was that of an infant 9 months of age and the remainder adults.

DIARRHŒA.—No deaths were caused by this disease.

WHOOPING-COUGH.—Two infant deaths resulted, 1 in October and 1 in December, both at Westerham.

INSPECTIONS.—My inspections during the year, in addition to ordinary visits in connection with cases of Infectious Disease, have included the following:—various Schools in the District, Dairies and Cowsheds, Sewage Disposal Works at Leigh, Pond at Edenbridge, Isolation Hospitals, Drainage, &c.

COMMON LODGING HOUSES.—There are no Common Lodging Houses in the District.

DAIRIES, COWSHEDS AND MILKSHOPS.

There were at the end of the year 106 entries in the Register kept by Mr. Fowler. The premises are spread over the Rural District as follows:—

Chevening	...	3	Westerham	...	7
Halstead	...	2	Chiddingstone	..	7
Kemsing	...	4	Cowden	...	7
Otford	...	7	Edenbridge	...	13
Seal ...	...	6	Hever	...	5
Shoreham	...	6	Leigh	...	7
Brasted	...	6	Penshurst	...	6
Riverhead	...	5			
Weald	...	4	Total	...	106
Sundridge	...	11			

One hundred and one are defined as Cowkeepers and Purveyors of Milk, 3 as Purveyors only, 1 as a Cowkeeper, and 1 as a Dairyman.

The model Regulations of the Local Government Board are in force, having been adopted by the Council on February 7th, 1907, and coming into force on April 1st following.

A good deal of work has been done to bring the condition of the premises up to something like the necessary standard to comply with the regulations, and 25 notices have been served.

The premises are on the whole in very fair condition.

Deposition of manure too near the sheds in which the cows are milked and want of cleaning of the cows are now the principal defects, but

there are still many instances where structural alterations are also required.

SLAUGHTER HOUSES.

No Bye-laws are in force but a register is kept of the Slaughter Houses and this now comprises 15 premises as follows :—

Chevening	1	Cowden	1
Otford	1	Edenbridge ...	6
Seal	1	Leigh	1
Shoreham	1	Penshurst ...	1
Brasted	2		—
Riverhead	1	Total ...	18
Westerham ...	2		—

The Sanitary Inspector states that they are generally kept in a fairly good sanitary condition and that any defects found have been remedied.

FACTORY & WORKSHOPS ACT, 1901.

The following table shows the number of premises on the register at the end of the year and the classification as to trades, &c.

PARISHES or other DEFINITE LOCALITIES.	FACTORIES.					WORKSHOPS & WORKPLACES.					TOTALS.
	BAKEHOUSES.	Other Trades connected with Foods or Drinks.	LAUNDRIES.	Other Trades connected with Clothing.	Various.	BAKEHOUSES.	Other Trades connected with Foods or Drinks	LAUNDRIES.	Other Trades connected with Clothing.	Various.	
Chevening ...	...	...	...	...	...	1	...	...	3	2	6
Halstead ...	...	...	...	...	1	...	...	...	1	...	2
Kemsing ...	...	...	...	...	...	...	...	...	...	1	1
Otford ...	...	...	...	...	2	1	...	..	1	1	5
Seal	...	...	...	...	1	2	...	...	...	2	5
Shoreham ...	...	...	...	...	1	2	...	...	...	2	5
Brasted ...	...	...	...	...	1	3	...	...	2	3	9
Riverhead ...	...	...	...	...	...	...	...	...	14	2	16
Weald ...	...	...	...	...	...	1	...	...	...	2	3
Sundridge ...	...	...	1	...	...	3	...	1	1	2	8
Westerham ...	...	...	1	...	4	5	...	...	8	5	23
Chiddingstone	...	...	...	...	...	...	...	...	...	3	3
Cowden ...	...	...	...	...	1	2	...	...	...	1	4
Edenbridge...	...	1	...	...	2	7	...	1	5	6	22
Hever ...	...	...	...	...	...	...	...	...	...	1	1
Leigh ...	...	...	...	...	...	2	...	...	...	1	3
Penshurst ...	...	...	...	...	...	3	...	...	1	5	9
TOTALS ...	...	1	2	...	13	32	...	2	36	39	125
	16					109					

Mr. Fowler, the Sanitary Inspector, carries out the duties delegated to local authorities under the act, and the table required by the Secretary of State is appended.

The premises have been inspected and are generally in good condition.

Section 22 of the Public Health Acts Amendment Act. 1890, has not been put in force.

DRAINAGE.—The disposal of the sewage of the village of Leigh at the outfall requires to be improved and is under the consideration of the Council. On the 8th June I inspected the outfall with the Committee, Mr. Sturgess (Agent for Lord de L'Isle on whose property the outfall is) and Mr. T. Hennell (the District Council's Engineer), with a view of ascertaining the best means to adopt. I again had an interview with Mr. Hennell shortly afterwards and later on reported to the Council on the matter.

ELEMENTARY SCHOOL CLOSURES.

I considered it necessary to advise the closure of the following Elementary Schools for the periods and on account of the infectious diseases set opposite :—

Name of School.	Inclusive Dates of Closure.		Disease.
Council Schools, Edenbridge, (No. 129)	Mch. 2	April 2	Measles
Edenbridge Church of England School (No. 130)	Mch. 22	April 8	Measles
Sundridge Church of England School (No. 364)	Mch. 22	April 8	Influenza
	Dec. 8	Dec. 23	Scarlet Fever
Leigh Church of England School (No. 212)	April 5	April 8	Scarlet Fever, Influenza & Chicken-pox
Otford Church of England School (No. 275)	Jan. 4	Mch. 19	Diphtheria
Hever Four Elms School (No. 177)	April 19	April 30	Measles
	May 3	May 14	Measles
Chiddingstone Church of England School (No. 80)	May 11	May 28	Measles
Kemsing School (No. 202) ...	Oct. 4	Oct. 8	Measles

The long closure of the Otford School was on account of alterations which were begun at the end of 1908 ; the weather was also unfavourable for outdoor work. The improvements were carried out in a very thorough manner, the drains being re-laid throughout and connected to a branch of the Darenth Valley Main Sewer ; new closets and lavatory basins were put in and the whole school renovated. Only one case of Diphtheria occurred in Otford after the school re-opened, and that late in the year in a very young child not of school age, and resident on the outskirts of the village.

Plans were prepared in October for the improvement of the Sanitary arrangement at the Ide Hill School, the present being inadequate, and the water supply very limited.

I have had occasion to visit the Sundridge and Brasted Schools on account of a few cases of Scarlet Fever; and the former School was closed on my advice in December, owing more to some suspicious rashes and peeling which I found to exist among children in the village than to the actual number of notified cases.

I was consulted in February respecting children attending the Fordcombe School owing to the occurence of numerous cases of contagious impetigo. So many contracted it that it became a question whether closure would not be necessary, but with the active co-operation of the Vicar and the Headmaster of the school in seeing that the children were medically treated and those affected separated during school hours, no interference became necessary in the school work with the exception of a few temporary exclusions.

In October a Memorandum was issued, jointly in the names of the Chief Medical Officers of the Local Government Board and the Board of Education, to Medical Officers of Health and School Medical Officers upon Public Health Administration for the prevention of the spread of infectious diseases among children attending public elementary schools, with special reference to the circumstances in which the closure of the schools, or the exclusion of individual scholars, may be necessary.

This important Memorandum is an enlarged and revised edition of a similar one issued by the Local Government Board in January, 1908, and is divided into three parts. Part I. deals with the code requirements for school closure and exclusion of scholars; and the co-ordination of work of the Medical Officer of Health, of the School Medical Officer, and of other School Officers. Part II. recommends principles of action on the occurrence of infectious diseases at elementary schools, and Part III. gives rules for action in respect of particular diseases and rules of official procedure.

It is evidently desirable that working arrangements should be satisfactorily established between the Public Health and the School

Authorities if the best results are to be obtained in prevention of the spread of infectious disease in the schools themselves and in the scholars' houses.

HOP & FRUIT PICKERS' ACCOMMODATION.

Two prosecutions were made in respect of owners of huts at Halstead for allowing them to be used for human habitation during the prohibited season (from November to March inclusive), and both were ordered to pay the costs and undertook to keep the huts closed.

Two notices were served in respect of huts unfit for human habitation, and the notices to cleanse which have been served have been complied with.

The bye-laws for securing the decent lodging and accommodation of persons enaged in hop-picking, which were made by the Guardians of the Poor of the Sevenoaks Union, acting as the Rural Sanitary Authority, on the 8th September, 1880, and which were confirmed by the Local Government Board on the 18th September, 1880, have been repealed by the adoption by the Rural District Council of the Model Bye-laws for securing the decent lodging and accommodation of persons engaged in hop-picking or in the picking of fruit and vegetables, which latter were adopted by the Council on the 11th November, 1909, and the sanction of the Local Government Board was being awaited at the end of the year.

REPORTS DURING YEAR.

My reports during the year have included the following matters :— Diphtheria at Otford, Inspection of Houses at Otford, Phthisis, Leigh Sewage Disposal, Pond at Edenbridge, Scarlet Fever at Sundridge, &c.

ADOPTIVE ACTS.

The Infectious Disease (Prevention) Act, 1890, is not in force, but Part III. of the Public Health Acts Amendment Act, 1890, (as far as it applies to Rural Districts) was adopted in January, 1903: Section 22 of this Act has not been put into force. No action has been taken under the Private Streets Works Act, 1892.

There were no epidemics or excessive incidence of infectious disease prevalent in any part of the District at the end of the year.

Mr. Fowler's report of the sanitary work carried out by him during the year, the statistical tables required by the Local Government Board, and the table required by the Secretary of State for recording action taken under the Factory and Workshop Act, 1901, are appended.

I have the honour to be, gentlemen,
Your obedient servant,
JAMES SCOTT TEW.

March 17th, 1910.

Sevenoaks Rural District Council.

REPORT FOR THE YEAR ENDED DECEMBER, 1909.

No. of Houses Inspected, 1,150.
No. of Nuisances dealt with, 581.

No. of Houses in a Dirty Condition	49
,, Houses in a Defective Condition	56
,, Drains in a state of Nuisance	26
,, Ditches in a Foul State	12
,, Privies in a Foul State	30
,, Defective Flushing Apparatus in W.C.'s	20
,, Houses Disinfected	58
,, Patients Treated in North Hospital	39
,, Patients Treated in South Hospital	16
,, Roofs Defective	15
,, Wells Cleansed	6
,, Houses Provided with a Proper Supply of Water ...	10
,, Houses Overcrowded	6
,, Houses with Defective Guttering	29
,, Houses without Ash Pits	18
,, W.C.'s in a Defective Condition	20
,, W.C.'s in a Dirty Condition	16
,, Houses without Suitable Sinks	5

,,	Defective Traps to Yard Sinks	10
,,	Closets not Ventilated	5
,,	Accumulations of House Refuse	15
,,	Pig Pounds in a State of Nuisance	10
,,	Accumulations of Manure	8
,,	Urinals in a State of Nuisance	6
,,	Samples of Water taken	2
,,	Cess Pits in a State of Nuisance	15
,,	Cowsheds in a Dirty Condition	25
,,	Cowsheds in a Defective Condition	20
,,	Houses unfit for Human Habitation	9
,,	Defective Ventilating Pipes	8
,,	Fowl Nuisances	14
,,	Ponds in a state of Nuisance	3
	Total ...	581

Houses Connected to the Main Sewers:—

Brasted	5	Otford	8
Dunton Green	10	Westerham	3
Edenbridge	2		

The Drains of the Otford Schools, also of the New Schools at Dunton Green and New Post Office at Westerham have been connected to the Council's Sewers.

Two hundred and ten Inspections have been made under The Factory and Workshops Act and 40 Notices have been served relative to the Cleansing of the same.

The Cowsheds, 106 in number, have received close attention and 25 notices have been served relative to the cleansing of the same.

The Bakehouses and Slaughter Houses have been periodically Inspected and Notices served where necessary for the Cleansing of the same.

I am, yours obediently,

A. FOWLER,

Sanitary Inspector.

TABLE I.

Year.	Population estimated to Middle of each year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Net Deaths at all Ages belonging to the District.	
				Under 1 year of Age.		At all Ages.						
		Number	Rate.*	Number.	Rate per 1,000 Births Registered.	Number.	Rate.*				Number.	Rate.*
1899	23748	550	23·1	87	156	330	13·8	39	5		325	13·6
1900	23914	543	22·7	55	101	304	12·7	41	6		298	12·4
1901	22684	524	23·0	72	137	321	14·1	41	7	..	314	13·8
1902	22749	493	21·6	39	79	278	12·2	33	5	...	273	12·0
1903	22802	536	23·5	55	102	279	12·2	44	8		271	11·8
1904	22855	493	21·5	48	97	273	11·9	48	13	2	262	11·4
1905	22908	538	23·4	49	91	305	13·2	41	7	4	302	13·1
1906	22962	524	22·8	39	74	298	12·9	51	10	2	290	12·6
1907	23020	503	21·8	45	89	293	12·7	46	15	4	282	12·2
1908	23070	534	23·1	39	73	266	11·5	41	4	10	272	11·7
Averages for years 1899-1908	23071	523	22·6	52	99	294	12·7	42	8		288	12·4
1909	23122	501	21·6	34	67	256	11·0	42	7	12	261	11·2

At Census 1901.

Area of District in acres (exclusive of area covered by water)	62,999	Total population at all ages ..... 22,684 Number of Inhabited houses.. .....4,829 Average number of persons per house 4

I. Institutions within the District receiving sick and infirm persons from outside the District.	II. Institutions outside the District receiving sick and infirm persons from the District.	III. Other Institutions, the deaths in which have been distributed among the several localities in the District.
Union Workhouse, Sundridge.	Westminster Hospital, London. Tunbridge Wells General Hospital. The Charing Cross Hospital.	

Is the Union Workhouse within the District? Yes.

TABLE II.

Year.	SEVENOAKS RURAL Whole District.				SHOREHAM (Sub. Reg. District).				SEVENOAKS (Sub. Reg. District).				PENSHURST (Sub Reg. District).			
	Population estimated to middle of each year.	Births registered	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
1900	23914	543	298	55	7444	190	81	22	7882	159	114	8	8588	194	103	25
1901	22684	524	314	72		179	101	31	..	178	115	18	...	167	98	23
1902	22749	493	273	39	7250	160	97	17	7586	152	89	7	7913	181	87	15
1903	22802	536	271	55	7280	194	90	18	7600	176	97	21	7922	176	84	16
1904	22855	493	262	48	7310	150	90	17	7614	152	78	11	7931	191	94	20
1905	22908	538	302	49	7340	176	102	23	7628	170	87	7	7940	192	113	19
1906	22962	524	290	39	7370	174	100	14	7643	163	100	10	7949	207	90	15
1907	23020	503	282	45	7400	157	92	14	7658	161	94	15	7962	185	96	16
1908	23070	534	272	39	7431	173	103	13	7672	166	67	9	7967	195	102	17
Averages of years 1900-1908	22996	521	285	49	7353	170	95	18	7660	164	93	11	8021	186	96	18
1909	23122	501	261	34	7461	156	83	11	7687	181	97	13	7974	164	81	10

TABLE III.

Notifiable Disease.	Cases Notified in Whole District.							Total cases notified in each locality.			No. of cases removed to Hospital from each locality.			
	At all ages.	At Ages—Years.						Shoreham.	Sevenoaks.	Penshurst.	Shoreham.	Sevenoaks.	Penshurst.	Total cases removed to Hospital.
		Under 1.	1 to 5.	5 to 15.	15 to 25	25 to 65	65 and upwards	H	W	H	H	W	H	
Diphtheria (including Membranous croup)	21	...	6	13	1	1	..	13	6	2	12	4	1	17
Erysipelas ...	20	1	...	...	2	13	4	2	11	7	...	...	...	...
Scarlet Fever ...	38	1	8	23	4	2	...	15	15	8	14	15	8	37
Enteric Fever ...	1	...	...	1	...	...	...	...	1	...	...	1	...	1
Puerperal Fever...	2	...	...	...	1	1	...	...	1	1	...	...	...	...
Phthisis (Poor Law Cases) ...	31	...	...	3	8	20	...	1	16	14	...	...	...	...
,, (Voluntary System)...	3	...	...	...	...	3	...	3	...	...	...	...	..	...
Totals ...	116	2	14	40	16	40	4	34	50	32	26	20	9	55

Hospital Accommodation, &c. See Report.

TABLE IV.

Causes of Death.	All Ages.	Under 1	1—5	5—15	15—25	25—65	65 & upwards.	Deaths at all ages of "Residents" belonging to localities, whether occurring in or beyond the District			Total deaths whether of Resid'ts or non residents in Public Institut'ns in the District.
								Shoreham	Sevenoaks.	Penshurst	
Small-pox											
Measles	3		3	...				1		2	..
Scarlet Fever										...	
Typhus Fever								...			
Epidemic Influenza	12	1				7	4	3	6	3	5
Whooping-cough	2	2					...	..	2		..
Diphtheria, Membranous Croup	2	1	1					1		1	
Croup											
Enteric Fever	...			..							
Asiatic Cholera	...						...				
Diarrhœa, Dysentery						..					
Epidemic or Zymotic Enteritis	..	..		...	...					..	
Enteritis	4	1	1	..	...	2	...	1	1	2	
Other continued Fevers	1					1	...	1			
Erysipelas	1	1	..							1	
Puerperal Fever	1	...	...		1				1		
Other Septic Diseases	1		..		1				1		
Intermittent Fever and Malaria Cachexia											
Tuberculosis of Meninges	2		2					1		1	
Tuberculosis of Lungs	15	1			5	7	2	3	6	6	4
Other forms of Tuberculosis	6		3	1		2		1	3	2	1
Alcoholism	2					2				2	1
Cancer	28					16	12	12	9	7	3
Premature Birth	12	12				...		4	6	2	
Developmental Diseases	9	9		...		..		5	1	3	
Old Age	18					1	17	4	7	7	2
Meningitis	1	1								1	
Inflammation and softening of Brain	1	...				1			1		1
Organic Diseases of Heart	12					2	10	8	4		
Acute Bronchitis	6	1	1			1	3	3	2	1	1
Chronic Bronchitis	17					1	16	4	7	6	2
Lobar (Croupous) Pneumonia	1					1	...		1		
Lobular (Broncho-) Pneumonia	4	1	1				2	2	2		1
Diseases of Stomach	4				1	2	1		3	1	
Obstruct'n of Intestines	2					1	1		...	2	
Cirrhosis of Liver	1						1	1			1
Nephritis and Bright's Disease	9					9			5	4	1
Tumors (no other Affections of Female Genital Organs	1			...		..	1	1			
Accidents and Diseases of Parturition	1					1		1	...		
Deaths by Accident or Negligence	3			1	1	1	..		1	2	
Deaths by Suicide	5				2	1	2	2	2	1	
Deaths from Ill-defined Causes	1		...				1	...		1	
All other Causes	73	3	2	4		22	42	24	26	23	19
ALL CAUSES	261	34	14	6	11	81	115	83	97	81	12

TABLE V.—Infantile Mortality during the Year, 1909.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH		Under 1 Week.	1-2 Weeks.	2-3 Weeks	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months.	Total Deaths under One Year.
All Causes	Certified	14	3	2		19	2	..	1	1	2	..	..		2	2	2	31
	Uncertified	1	...	...		1	...	1	...	.	..	..	.	1		..	.	3
i. Common infectious Diseases.	Small-Pox	...		...			...	..	.	...	.	..	.	..	...	...	..	...
	Chicken-Pox	...	...	...			...	...	...	...	.	..	.	...	...	...	...	
	Measles	...	..	...			...	.	...	..	.	...	..	..	.	.	..	
	Scarlet Fever	...	...	...			...	..	...	...	..	..	..	...	..	...	...	...
	Diphtheria (including Membranous Croup)	...	..	..			..	...	...	...	...	...	.	..	..	.	1	1
	Whooping Cough	...	...	...		.	1	.	...	...		..	...	.		1	..	2
ii. Diarrhœal Diseases.	Diarrhœa, all forms	...	...	..		..	...	...	...	..	...	..	...		..	..	...	...
	Enteritis, Muco-enteritis, Gastro-enteritis	..	...	..	...		...	.	..	...	1	.	...		.	...	...	1
	Gastritis, Gastro-intestinal Catarrh	...	...	...		...	...	..	...	...	..	...	..			.	...	
iii. Wasting Diseases.	Premature Birth	11	...	1	...	12	...	...	..	..	.	.	...		..			12
	Congenital Defects	2	2	..		4	1	...	1	...	..	...	..	.	..		..	6
	Injury at Birth	...	...	...	...	..	..	..	...	..	...	.	...	...	.			
	Want of Breast Milk, Starvation	..	...	...		...	...	..	...	...	...	..	.	...	...			
	Atrophy, Debility, Marasmus	2	..	.		2	...	...	...	...	.		..	1	...		...	3
iv. Tuberculous Diseases.	Tuberculous Meningitis	..	...	...	..	..	...	..	...	...	..		.	...	...	...	.	...
	Tuberculous Peritonitis: Tabes Messenterica	..	...	...	..	...	...	...	...	...	...	...	...	...	...	..		.
	Other Tuberculous Diseases	...	...	...	...	...	...	..	...	...	...	...	...	...	..	1	...	1
v. Other causes.	Erysipelas	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1
	Syphilis	...	...	...	...	...	...	..	...	...	...	..	...	...	...	...	...	...
	Rickets	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
	Meningitis (*not Tuberculous*)	...	...	...		...	...	..	...	1	...	...	...	...	..	...	...	1
	Convulsions	...	...	...	...	...	...	1	...	...		...	..	...	...	...		1
	Bronchitis	...	...	...		...	...	...	...	...	1	...	..	...	...	...	...	1
	Laryngitis	...	...	...	..	...	..	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	...	...	...	...	...	..	...	..	1	..	...	1
	Suffocation, overlying	..	...	...	..	...	...	...	...	...	...	...	..	..	...	...	...	...
	Other Causes	...	1	...	...	1	...	...	...	...	...	...	.	..	1	..	1	3
		15	3	2	...	20	2	1	1	1	2	...	..	1	2	2	2	34

District of Sevenoaks Rural.

Population (estimated to middle of 1909) 23,122.

Births in the year { legitimate 472; illegitimate ... 29

Deaths in the year of { legitimate infants 32; illegitimate infants . 2

Deaths from **all Causes at all Ages, 261.**

Annual Report of the Medical Officer of Health for the year 1909, for the Rural District of Sevenoaks.

on the administration of the Factory and Workshop Act, 1901, in connection with

FACTORIES, WORKSHOPS, WORKPLACES, AND HOMEWORK.

1.—INSPECTION.

Including inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of Inspection.	Number of Written Notices.	Number of Prosecutions.
Factories ... ... (Including Factory Laundries) **Workshops** ... ... (Including Workshop Laundries) **Workplaces** ... .. (Other than Outworkers' premises included in Part 3 of this Report)	210	10	Nil.
Total	210	10	Nil.

2. DEFECTS FOUND.

Particulars.	Number of Defects. Found.	Remedied.	Referred to H.M. Inspector	Number of Prosecutions.
Nuisances under the Public Health Acts :—				
Want of cleanliness	20	20	Nil.	Nil.
Want of ventilation				
Overcrowding				
Want of drainage of floors				
†Sanitary accommodation { insufficient . unsuitable or defective not separate for sexes				
Offences under the Factory and Workshop Act :—				
Illegal occupation of underground bakehouse (s. 101)				
Breach of special sanitary requirements for bakehouses (ss. 97 to 100)				
Other offences ... . (Excluding offences relating to outwork which are included in Part 3 of this Report) ...				
Total	20	20	Nil.	Nil.

* Including those specified in sections 2, 3, 7 and 8, of the Factory and Workshop Act as remediable under the Public Health Acts.

† For districts not in London, state here whether section 22 of the Public Health Acts Amendment Act, 1890, has been adopted by the District Council; and if so what standard of sufficiency and suitability of sanitary accommodation for persons employed in factories and workshops has been enforced.

3.—HOME WORK.

Name of Work.	Outworker's Lists, Section 107. Lists received from Employers.	
	Lists.	Outworkers.
Wearing Apparel--making, etc.	2	18

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.		Number.
Important classes of workshops, such as workshop bakehouses may be enumerated here.	Bakehouses	32
	Laundries	2
	Other trades connected with clothing	36
	Various	39
	Total number of workshops on Register ...	109

5.—OTHER MATTERS.

Class		Number.
Matters notified to H.M. Inspector of Factories :—		
Failure to affix Abstract of the Factory and Workshop Act (s. 133) ...		——
Action taken in matters referred by H M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5).	Notified by H.M. Inspector	——
	Reports (of action taken) sent to H.M. Inspector	——
Other		——
Underground Bakehouses (s. 101) :—		
Certificates granted during the year		Nil.
In use at the end of the year		Nil.

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